

NORWEGIAN SALMON INDUSTRIES



Agreed Order for Cleanup Proposed

The Washington State Department of Ecology and Manson Construction Company have agreed to a Model Toxics Control Act (MTCA, Chapter 70.105D RCW) order to clean up contaminated sediment and soil, and monitor groundwater at the Norwegian Salmon Industries site. An agreed order is a legal document formalizing an agreement between Ecology and potentially liable persons (PLP's), to ensure that proposed site cleanup activities are conducted in a timely fashion, in accordance with MTCA and other applicable laws and regulations.

Your comments on this proposed agreed order, remedial investigation/feasibility study (RI/FS), and draft cleanup action plan are welcome through **May 28, 2002**. The box to the right provides information about where to review the documents, as well as where to submit comments.

Site Background

The Norwegian Salmon Industries site is located along Colvos Passage, at the end of 140th Street NW in Gig Harbor, just south of the Kitsap County line. The site is vacant, except for a well house. Norwegian Salmon Industries AS bought the property in 1981 from Manson Construction and Engineering Company. Manson Construction and Engineering Company retained an ownership percentage in the site until October 1990.

Manson Construction Company repurchased the entire site in 2000.

Norwegian Salmon Industries conducted a site assessment in 1994 and a limited subsurface soil investigation in 1997. Results from soil and water samples showed that carcinogenic polynuclear aromatic hydrocarbons (PAH's), polychlorinated biphenyls (PCB's), diesel, arsenic, and lead are present above MTCA cleanup levels. Treated wood pilings and slag materials (waste products from the smelting process which contain arsenic, lead, and other metals) were observed on-site. Manson Construction and Engineering Company reportedly stored heavy equipment on the site, and may have stored and treated timbers there as well. Manson Construction and Engineering Company may have disposed of solid waste and slag materials while filling significant portions of the site.

Tacoma-Pierce County Health Department conducted a site hazard assessment in October 1996. Based on that information, the site was ranked on the Hazardous Sites List in August 1997 as a 1 (1 being high priority relative to other statewide sites; 5 being low).

Ecology, Norwegian Salmon Industries AS, and Manson Construction and Engineering Company consented to an August 1998 agreed order to conduct a remedial investigation/feasibility study

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FACT SHEET

Ecology Southwest Regional Office
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PUBLIC COMMENT PERIOD ON AGREED ORDER, RI/FS, CLEANUP ACTION PLAN:

April 26, 2002 to May 28, 2002

Comments and requests for updates should be directed to Guy Barrett, Site Manager, at the Ecology address listed above or at (360) 407-7115.

INFORMATION REPOSITORIES

The agreed order, RI/FS, and cleanup action plan can be reviewed at the following locations:

Ecology Southwest Regional Office
address listed above

Peninsula Library
4424 Point Fosdick Drive NW
Gig Harbor, WA 98335-1700
(253) 851-3793

Tacoma Public Library-Main Branch
Northwest Room
1102 Tacoma Avenue South
Tacoma, WA 98402-2006
(253) 591-5666

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If you have special accommodation needs, please call (360) 407-6300 or (360) 407-6306 (TDD).

(RI/FS), and to draft a cleanup action plan for contaminated groundwater, sediment, and soil. The remedial investigation determines the nature, extent, and magnitude of site contamination. The feasibility study evaluates site cleanup alternatives. The RI/FS found that soil is contaminated with carcinogenic PAH's, arsenic, and lead above MTCA cleanup levels. Groundwater is contaminated with PAH's, arsenic, lead, and chromium. Sediment is contaminated with arsenic and certain PAH's.

What Is Being Done?

The RI/FS required by the August 1998 agreed order is completed and now available for public comment. The draft cleanup action plan -- specifying the selected cleanup action and site cleanup goals for groundwater, sediment, and soil -- is also available for public comment. The draft cleanup action plan recommends the following actions:

- ▶ excavate and dispose of about 1320 cubic yards (132 dump truck loads) of contaminated soil and sediment;
- ▶ protect Colvos Passage from discharge during excavation;
- ▶ sample soil to confirm that contaminants have been removed;
- ▶ backfill, grade, and compact excavated areas with clean soil;
- ▶ control stormwater;
- ▶ monitor groundwater quarterly for at least one year and until groundwater cleanup goals are met;
- ▶ prevent access to groundwater by imposing property deed restrictions, if groundwater remains contaminated.

Ecology will oversee the project to ensure that all terms of the agreed order are satisfied.

What Happens Next?

Public comment on the proposed agreed order, remedial investigation/feasibility study, and draft cleanup action plan will be considered and they may be modified, if necessary, based on the comments received. The work for the cleanup should be completed by Fall 2003, if permits for the sediment work are issued during seasonal work times. Further formal public comment opportunities will occur after the cleanup is completed and the site is proposed for delisting from the Hazardous Sites List.

Ecology Wants Your Comments!

You are invited to review and comment on the proposed agreed order, remedial investigation/feasibility study, and draft cleanup action plan through **May 28, 2002**. The public comment period presents an opportunity to have your ideas and comments heard by Ecology.

Information repositories, which include the three documents, have been set up at the locations listed in the box on page one. To review more detailed site documents than those in the information repositories, contact Ecology's Southwest Regional Office records center at (360) 407-6365 to schedule an appointment.

Please submit your written comments to Guy Barrett, Site Manager, at the Ecology address listed in the box on page one. Ecology will review and respond to all comments received, and may revise the agreed order. Updates of site activities will be provided to those who submit comments or request to be placed on the site mailing list. (If you received this fact sheet directly from Ecology, you are already on the site mailing list.)

